

REMARKS

By this amendment, claims 1 and 3-10 are pending, in which claim 2 is canceled without prejudice or disclaimer and claim 1 is currently amended to incorporate the subject matter thereof. Thus, no new matter is introduced and no new issues requiring further search or consideration are raised. Furthermore, the amendment to claim 1 reduces issues for appeal. Therefore, entry of this amendment is appropriate after final rejection.

The final Office Action mailed March 19, 2004 rejected claims 1-4 and 6 under 35 U.S.C. § 102 as anticipated by *Norcott* (US 5,848,405), and claims 5 and 7-10 as obvious under 35 U.S.C. § 103 based on *Norcott* in view of *Goldring et al.* (US 6,438,538).

The rejection of claims 1-4 and 6 over *Norcott* is respectfully traversed because *Norcott* does not disclose the features of the claims. For example, independent claim 1, as amended to incorporate the subject matter of already searched and considered dependent claim 2, recites:

1. A method for change data capture, comprising the steps of:
executing a database statement to extract, from a recovery log, change data indicating at least one modification that has been performed to a source object; and
storing the change data from the recovery log in a database object other than the source object, wherein the database object includes a change table.

In the statement of the rejection, the Office Action apparently reads both the recited “source object” on the ROWID range table of *Norcott* (“updates the redo log to indicate changes made to the **range table**”; pp. 2 and 4, emphasis added) and the recited “change table” also on the ROWID range table of *Norcott*: (“updates the redo log to indicate changes made to the **range table**”; p. 5, emphasis added). However, claim 1 explicitly recites “storing the change data from the recovery log in a database object **other than** the source object, wherein the database object includes a change table.” Furthermore, the rejection cannot be rescued by reading the claimed

terminology on other parts of the reference. For example, the start and end ROWID values are not disclosed to include a change table.

The rejection of dependent claims 2-4 and 6, all of which depend from claim 1, should be withdrawn for at least the same reasons as those discussed above with regard to independent claim 1, and these claims are separately patentable on their own merits.

The rejection of claims 5 and 7-10 as obvious over *Norcott* in view of *Goldring* is also respectfully traversed the references either fail to teach or teach against the features of the claims. For example, claims 5 and 7-10 recite “**shipping a recovery log** from an on-line transaction processing (OLTP) system **to a staging system.**” Although *Norcott* does state, as the Office Action cited on p.2, that “OLTP databases typically provide a mechanism for exporting data from the database into a static file” (col. 4:23-25), this disclosure is not detailed enough to suggest the specific act of “shipping a recovery log” rather than the different operation of, e.g., selecting data from an OLTP table and storing the data in a flat file (see, e.g., “flat file” on col. 5:18).

Goldring, for its part, teaches away from this feature, as *Goldring* states, “In the network environment the application table 300 is located on the **same system site**, preferably a source site, with a Change Data (CD) table 302 and a Unit of Work (UOW) table 304” (col. 9:22-25, emphasis added). Additionally, *Goldring* states, “Thus, the Apply routine is used to direct the target server to receive an aggregation of the changed rows, received from the CD table 302 and the UOW table 304...” (col. 10:5-7). Thus, *Goldring* requires the CD table 302 to be on the “same system site” as the application table 300, thereby teaching against “shipping the recovery log ... to a staging system.” Furthermore, claims 7-8 recite steps performed on the recovery log “at the staging system.”

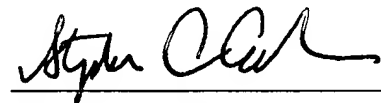
Dependent claims 9-10, which depend from claims 7-8, respectively, are allowable for at least the same reasons as their independent claims, and are separately patentable on its own merits.

Therefore, the present application, as amended, overcomes the objections and rejections of record and is in condition for allowance. Favorable consideration is respectfully requested. If any unresolved issues remain, it is respectfully requested that the Examiner telephone the undersigned attorney at 703-425-8516 so that such issues may be resolved as expeditiously as possible.

Respectfully Submitted,

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Date



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